

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.  270680US0X PCT		SERIAL NO.  New U.S. PCT Application Based on PCT/JP03/13759	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Shuji KAWASAKI, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2004/0180190	09/16/04	TAJIMA, Yasuhiro et al. Serial No. 10/487,054			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	00/35580	06/22/00	WO(English abstract only)		NO	
	AP	2-233140	09/14/90	JP		NO	
	AQ	4-126154	04/27/92	JP		NO	
	AR	48-007051	01/29/73	JP		NO	
	AS	2003-334543	11/25/03	JP		NO	
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

10/532,499	Composite adsorbent and method for production thereof, and water purification material and water purifier	12-28-2008::11:24:19
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**Bibliographic Data**

Application Number:	10/532,499	Customer Number:	22850
Filing or 371 (c) Date:	09-06-2005	Status:	Non Final Action Mailed
Application Type:	Utility	Status Date:	08-22-2008
Examiner Name:	KURTZ, BENJAMIN M	Location:	ELECTRONIC
Group Art Unit:	1797	Location Date:	-
Confirmation Number:	4345	Earliest Publication No:	US 2006-0163151 A1
Attorney Docket Number:	270680US0XPCT	Earliest Publication Date:	07-27-2006
Class / Subclass:	210/502.100	Patent Number:	-
First Named Inventor:	Shuji Kawasaki , Okayama-ken, (JP)	Issue Date of Patent:	-

Title of Invention:	Composite adsorbent and method for production thereof, and water purification material and water purifier
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10/532,499	Composite adsorbent and method for production thereof, and water purification material and water purifier	12-28-2008::11:24:03
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**This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click PDF.**

### Bibliographic Data

Mail Room Date	Document Code	Document Description	Document Category	Page Count
08-26-2008	CTNF	<b>Non-Final Rejection</b>	<b>PROSECUTION</b>	<b>9</b>
08-26-2008	892	List of references cited by examiner	PROSECUTION	1
08-26-2008	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	1
08-26-2008	SRNT	Examiner's search strategy and results	PROSECUTION	2
08-26-2008	1449	List of References cited by applicant and considered by examiner	PROSECUTION	3
08-26-2008	OA.EMAIL	Email Notification	PROSECUTION	1
07-14-2008	ELC.	Response to Election / Restriction Filed	PROSECUTION	1
07-14-2008	REM	Applicant Arguments/Remarks Made in an Amendment	PROSECUTION	3
07-14-2008	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	2
07-14-2008	N417	EFS Acknowledgment Receipt	PROSECUTION	2
07-14-2008	TRTC	Transmittal to TC	PROSECUTION	1
07-14-2008	XT/	Extension of Time	PROSECUTION	1
07-14-2008	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
05-15-2008	OA.EMAIL	Email Notification	PROSECUTION	1
05-14-2008	CTRS	Requirement for Restriction/Election	PROSECUTION	8
09-19-2006	CFILE	Request for Corrected Filing Receipt	PROSECUTION	5
05-01-2006	CFILE	Request for Corrected Filing Receipt	PROSECUTION	5
03-10-2006	M903	Notice of DO/EO Acceptance Mailed	PROSECUTION	2
09-06-2005	LET.	Miscellaneous Incoming Letter	PROSECUTION	3
09-06-2005	OATH	Oath or Declaration filed	PROSECUTION	4
09-06-2005	BIB	Bibliographic Data Sheet	PROSECUTION	1
08-24-2005	M905	Notice of DO/EO Missing Requirements Mailed	PROSECUTION	2
04-25-2005	TRNA	Transmittal of New Application	PROSECUTION	3
04-25-2005	136A	Authorization for Extension of Time all replies	PROSECUTION	3
04-25-2005	SPEC	Specification	PROSECUTION	40
04-25-2005	CLM	Claims	PROSECUTION	3
04-25-2005	ABST	Abstract	PROSECUTION	1
04-25-2005	DRW	Drawings-only black and white line drawings	PROSECUTION	5
04-25-2005	WCLM	Claims Worksheet (PTO-2022)	PROSECUTION	1
04-25-2005	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
04-25-2005	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
04-25-2005	A.PE	Preliminary Amendment	PROSECUTION	1
04-25-2005	SPEC	Specification	PROSECUTION	1
04-25-2005	CLM	Claims	PROSECUTION	3
04-25-2005	REM	Applicant Arguments/Remarks Made in an Amendment	PROSECUTION	1
04-25-2005	ABST	Abstract	PROSECUTION	1
04-25-2005	ADS	Application Data Sheet	PROSECUTION	3
04-25-2005	IDS	Information Disclosure Statement (IDS) Filed (SB/08)	PROSECUTION	3
04-25-2005	FOR	Foreign Reference	PRIOR ART	1
04-25-2005	FOR	Foreign Reference	PRIOR ART	6
04-25-2005	FOR	Foreign Reference	PRIOR ART	5
04-25-2005	FOR	Foreign Reference	PRIOR ART	11
04-25-2005	FOR	Foreign Reference	PRIOR ART	10
04-25-2005	NPL	NPL Documents	PRIOR ART	2

04-25-2005	FRPR	Certified Copy of Foreign Priority Application	PROSECUTION	24
04-25-2005	IMIS	Miscellaneous Internal Document	PROSECUTION	1
04-25-2005	371P	Documents submitted with 371 Applications	PROSECUTION	37
04-25-2005	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1

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10/532499

JC13 PCT/PTO 25 APR 2005

Docket No. 270680US0X PC

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shuji KAWASAKI, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/13759

GAU:

FILED: Herewith

EXAMINER:

FOR: COMPOSITE ADSORBENT AND METHOD FOR PRODUCTION THEREOF, AND WATER PURIFICATION MATERIAL AND WATER PURIFIER

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

## REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449: Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).


## CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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10/532499

JC13 Rec PCT/PTO 25 APR 2005  
SHEET 1 OF

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 270680US0X PCT		SERIAL NO. New U.S. PCT Application Based on PCT/JP03/13759	
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	AN						
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## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/13759

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int.Cl <sup>7</sup> B01J20/28, C02F1/28		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Int.Cl <sup>7</sup> B01J20/28, C02F1/28		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/35580 A1 (MAZDA MOTOR CORP.), 22 June, 2000 (22.06.00), Full text & JP 2000-176278 A & JP 2000-218125 A & JP 2000-246098 A & JP 2000-246095 A & JP 2000-246040 A & EP 1054730 A	1-20
X	JP 2-233140 A (Kuraray Chemical Kabushiki Kaisha), 14 September, 1990 (14.09.90), Claims; page 1, lower right column, line 13 to page 3, lower left column, line 2 (Family: none)	14
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search. 15 January, 2004 (15.01.04)		Date of mailing of the international search report 27 January, 2004 (27.01.04)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer
Facsimile No.		Telephone No.

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/13759

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 4-126154 A (Kuraray Chemical Kabushiki Kaisha), 27 April, 1992 (27.04.92), Claims; page 2, lower left column, line 7 to page 3, lower right column, line 9 (Family: none)	14
X	JP 48-007051 A (Norit N.V.), 29 January, 1973 (29.01.73), Claims; page 2, lower left column, line 15 to page 4, lower left column, line 1 (Family: none)	14
E, A	JP 2003-334543 A (Kuraray Chemical Kabushiki Kaisha), 25 November, 2003 (25.11.03), Claims; page 3; Par. No. [0010] to page 4; Par. No. [0022] (Family: none)	1-20